

Claim 1 includes the following limitation:

storing transmission log information related to the registration in the registration center into said storage unit of said information processing apparatus.

Kimbell discloses the following in column 3, line 60 through column 4, line 12:

When a user wishes to make access to the host computer, **this request is accepted at the slave station, which initiates a connection process in accordance with the protocol requirements of the circuit or network that is being used as the communication's medium 16.** When attempting to access the host computer 12, the slave station 14 is connected by the communication network 16 to the access security discriminator 10. The process of initiating a call and making the first connection is indicated with the reference numeral 26 in FIG. 2. **When the access security discriminator 10 receives the incoming call, it generates a random number using internal software and then encrypts the random number,** which may, for example, be 64 bits, and transmits the encrypted random number back over the communication network 16 to the slave station 14. The effectiveness of the security accessing system is not dependent upon the encryption algorithms which are employed. The process of receiving the incoming call, generating a random number and encrypting said number is indicated in FIG. 2 with the reference numeral 28.

Kimbell discloses the following in col 4, lines 35-50:

The remote slave station 14 has an identification number in the overall computer network system and **the slave station 14 then encrypts this identification number, using the random number as the encryption key** (FIG. 2, reference No. 34). This encrypted identification number travels over the communication network 16 to the access security discriminator 10 located with the host computer 12, where the message is decrypted. Because the access security discriminator 10 initially generated the random number, it is able to use that number to decrypt the incoming coded number, thereby extracting the identification number of the remote station 14 (FIG. 2, reference No. 32).

Kimball anticipates the above claim limitation because:

- (1) The slave station accepts a user request for connection to the host computer and initiates a call by making connection via the communication network to the access security discriminator 10.
- (2) When the access security discriminator 10 receives the incoming call it generates a random number, encrypts the random number and sends the random number back to the slave station.
- (3) The slave station receives the encrypted random number from the access security discriminator, extracts the random number, encrypts the user identification number using the random number as the encryption key and returns the user identification number to the discriminator within 2 seconds.

Because the slave station/ user terminal is able to respond to the security discriminator 10 within 2 seconds proves that transmission log information had previously been stored in the slave station/user terminal.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Etienne P. LeRoux whose telephone number is (571) 272-4022. The examiner can normally be reached on Monday through Friday, 8:00 am - 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Apu Mofiz can be reached on (571) 272-4080. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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/Etienne P LeRoux/
Primary Examiner, Art Unit 2161

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